Science Lib
Nijh.

INNEHÅLL.

Sid.

ANDERSSON, ENAR, A case of asyndesis in *Picea Abies* 301
BONNIER, GERT, A contribution to the genetics of milk gland activity in cattle .. 101
— The genetic effects of breeding in small populations. A demonstration for use in the genetic teaching 143
BONNIER, G., RASMUSON, B. and RASMUSON, M., »Gene divisibility», as studied by differences in Bar facet numbers in *Drosophila melanogaster* 348
FRIES, NILS and TROLLE, ULLA, Combination experiments with mutant strains of *Ophiostoma multiannulatum* 377
GILCHRIST, B. M. and HALDANE, J. B. S., Sex linkage and sex determination in a mosquito, *Culex molestus* 175
GUSTAFSSON, ÅKE, Mutations in agricultural plants 1
HJELMQVIST, HAKON, Eine Periklinalchimäre in der Gattung *Syringa*. (With a Summary in English.) 367
HÅKANSSON, ARTUR, Contributions to a cytological analysis of the species differences of *Godetia amoena* and *G. Whitneyi* 235
— Some observations on the seed development in Ecuadorian cacao 526
JOHANSSON, IVAR, The inheritance of the platinum and white face characters in the fox 152
LAMM, ROBERT, Studies on linkage relations of the *Cy* factors in *Pisum* 405
LEVAN, ALBERT, Studies on the camphor reaction of yeast 457
LEVAN, ALBERT and STEINEGGER, ERNST, The resistance of *Colchicum* and *Bulbocodium* to the c-mitotic action of colchicine 552
LIMA-DE-FARIA, A., Disturbances in microspore cytology of *Anthoxanthum* 539
MÜNTZING, ARNE, Some observations on pollination and fruit setting in Ecuadorian cacao 397
NILSSON, HERIBERT, Totale Inventierung der Mikrotypen eines Minimiareals von *Taraxacum officinale*. (With a Summary in English.) 119
NYBOM, NILS and KNUTSSON, BERTIL, Investigations on c-mitosis in *Allium Cepa* 220
OKSALA, TARVO, On the formation of bivalents in some Pentatomids (Hemiptera) 110
STEINEGGER, ERNST and LEVAN, ALBERT, Constitution and c-mitotic activity of iso-colchicine 385
— and —, The cytological effect of chloroform and colchicine on *Allium* 515
SUOMALAINEN, ESKO, Parthenogenese und Polyploidie bei Rüsselkäfern (Curculionidae). (With a Summary in English.) 425
VAARAMA, ANTERO, Experimental studies on the influence of DDT insecticide upon plant mitosis 191
ÖSTERGREN, G., Heterochromatic B-chromosomes in *Anthoxanthum* 261

ABSTRACTS — KURZE MITTEILUNGEN.

BÖCHER, TYGE W., Cytological studies of *Arabis Holboellii* HORNEM. 573
GUSTAFSSON, ÅKE, The advantageous effect of deleterious mutations 573
LUNDQVIST, ARNE, On self-sterility and inbreeding effect in tetraploid rye 570
LÖVKVIST, BÖRJE, Chromosome studies in *Cardamine* 421
NYBOM, NILS, Accessory chromosomes in *Allium* 571
ROMANUS, TORSTEN, Psoriasis in twins 297
VON ROSEN, GÖSTA, The rapid nigrosine-method for chromosome counts, applicable to all the growing tissues of the plant 567
SMITH, GUÐMUND, Psychological tests with twins 420
VAARAMA, ANTERO, Contributions to the cytology of the genus *Berberis* 422